

**RiseAtlas™**  
SystemRoMedic™

*Unique charging  
solution  
QuickTrolleySystem  
Night light*

 handicare

*Sling bar ordered separately.*

 handicare



# Unlimited lifting solutions

RiseAtlas is a modern, stylish and priceworthy stationary ceiling lift unit offering unlimited lifting solutions with more performance, more flexibility, more simplicity and convenience, and more reliability compared to the average ceiling lift unit available on the market.

## For all situations and user needs

RiseAtlas is a safe and easy-to-use stationary ceiling lift unit available in several different models and versions.

When used with the appropriate lifting accessories, RiseAtlas provides secure, comfortable and individually adapted lifting of users in connection with seated or horizontal transfers to and from the bed, wheelchair, or toilet. RiseAtlas offers a large lifting range and the possibility of both very low and very high lifting, making it an excellent solution also for lifting from the floor and for gait training and standing training. RiseAtlas can also be used for convenient transfer of users from one room to another.

## For all rail systems

RiseAtlas can be used on all types of rails, both permanent rail systems (basic rail systems with or without curves and switches, or rail systems with full room coverage) and portable, freestanding lift stands.

## For all settings and in all types of rooms

RiseAtlas functions equally well in all settings and can be used in all types of rooms where there is a need for lifting and transferring users from one location to another. In small rooms where space is limited and it is difficult to use mobile lifts, RiseAtlas is a perfect solution.

## Compact and light-weight

RiseAtlas features unusually small measurements and extremely low weight. The handy size offers many practical advantages. Combined with the modern and elegant design of the lift unit, it also contributes to the creation of professional and highly functional environments with a harmonic and human atmosphere.

## Stationary lifting solutions

A stationary lifting solution, consisting of a lift unit mounted either on a ceiling rail system or on a freestanding rail system, is an ergonomically ideal alternative that eliminates manual lifting and allows the caregiver to always choose the optimal working stance.

Furthermore, the lift system is always in place, it requires a minimum of floor space and it is very easy to manoeuvre. Another advantage is that the system gives you a large lifting area and the possibility of both low and very high lifting.

A stationary lift system is the right solution when:

- the need for lifting is permanent or frequent
- space is limited
- room furnishings must be adapted freely according to the situation and needs
- you need to create optimal working conditions and prevent load injuries and accidents in connection with patient transfers
- you need a solution that is easy for the caregiver to use
- you want to deliver the best possible quality of care while giving the patients a sense of safety, security and dignity



# Different models for different needs

RiseAtlas ceiling lift unit is available in several models and versions with different lifting capacities and with or without built-in transfer motor and other special features and functionalities. The choice depends on the need for lifting capacity, what settings and situations it will be used in and, of course, the needs of the users.

## Two models for max 205 kg or 285 kg

RiseAtlas450 has a lifting capacity of 205 kg/450 lbs while RiseAtlas625 has a lifting capacity of 285 kg/625 lbs.

## Manual or powered transfer in the rail

RiseAtlas450 and RiseAtlas625 are both available in two basic versions with different ways of travelling along the rail. RiseAtlas450M and RiseAtlas625M are manually transferred along the rail (M for manual), while RiseAtlas450T and RiseAtlas625T have built-in transfer motors (T for transfer motor) and thereby powered transfer in the rail.

## SystemRoMedic™ QuickTrolleySystem

RiseAtlas450M is available in a special version featuring Handicare's new and unique SystemRoMedic™ QuickTrolleySystem. This version is fitted with a quick release trolley which, in addition to providing a smooth and easy transfer of the ceiling lift unit, readily allows for dismantling of the ceiling lift unit from the rail.

Furthermore, with the QuickTrolleySystem, the ceiling lift unit and the lift strap can be preset to an angle of 45° or 90° towards the rail for smooth and convenient room transfers.

Obviously, the QuickTrolleySystem makes servicing a lot easier but, more importantly; it enables RiseAtlas to provide significantly more flexibility, versatility and convenience compared to other ceiling lift units.

The QuickTrolleySystem also provides the possibility to move the ceiling lift unit between different rail systems in different rooms for increased utilization and cost efficiency.

## Switch manoeuvring

RiseAtlas450M and RiseAtlas625M are also available in special versions featuring electrical switch manoeuvring for increased convenience and ease-of-use. With these versions, the caregiver is able to manoeuvre turntables in the rail system using the hand control.



QuickTrolleySystem provides the possibility to move the ceiling lift unit for increased utilization and cost efficiency.

With the QuickTrolleySystem, the ceiling lift unit can be preset to an angle of 45° or 90° towards the rail for smooth and convenient room transfers.

Model	RiseAtlas450		RiseAtlas625	
Basic version	M	T	M	T
Lifting capacity	205 kg/450 lbs	205 kg/450 lbs	285 kg/625 lbs	285 kg/625 lbs
Transfer in the rail	Manual	Transfer motor	Manual	Transfer motor
Special versions	With QuickTrolleySystem With switch manoeuvring		With switch manoeuvring	

# Unique features are standard

RiseAtlas moves silently and gently and features many functions that maximize comfort and security during lifting, both for the user and for the caregiver. In addition to this, RiseAtlas also offers a number of unique and very practical features as standard.

## Comfort and security

All models and versions of RiseAtlas are fitted with manual emergency stop as well as electrical and manual emergency lowering. The electrical emergency lowering is powered by the built-in battery of the lift unit. A separate 9V battery, supplied as an accessory, provides functionality also during a power failure and increases the security. All models and versions of RiseAtlas also feature overload and over speed protection and a slack strap switch that automatically stops the motor when the lift strap is not loaded. Moreover, the soft start and stop provides more security and greater comfort for the user.

## Two options for charging

RiseAtlas features a unique charging solution, with one trolley for two charging options, as standard. The ceiling lift unit can be set to function either with end point charging or with in-rail charging and, if the rail system is modified or if the lift unit is moved to another rail system with different functionality, the settings for charging of the ceiling lift unit can easily be altered.

## SmartPark function

Rise450T and Rise625T can be supplied with a SmartPark function which, on command, makes the lift unit return to the designated parking place in the rail system. This function ensures that the ceiling lift unit can always be found in the same place when not in use. In rail systems with end point charging, the charging station is usually located in the parking place, allowing the ceiling lift unit to be charged whenever parked.

## Night light for increased convenience and security

All models and versions of RiseAtlas450 and RiseAtlas625 are fitted with night light for increased convenience and security when lifting during the darker hours. Controlled by the "On"-button on the hand control, a LED-lamp on the underside of the lift unit effectively lights up the lifting area. The lifting procedure can be performed in a safe and secure way without turning on the main light, which can be very handy, for instance during the night in a hospital ward with several patients.



Night light for increased convenience and security

Lift strap with H-adapter for increased flexibility

Sling bar ordered separately

## Safety features

- Manual emergency stop
- Electrical and manual emergency lowering
- Overload protection
- Over speed protection
- Slack strap switch
- Efficient strap control preventing accidental twisting of the lift strap
- Soft start and stop, greater comfort for the patient



#### **Lift strap with H-adapter for increased flexibility**

On all models and versions of RiseAtlas, the lift strap is fitted with an H-adapter enabling changing of sling bars and using of SystemRoMedic™ SwiftHook, RoomTransferHook, scales or other lifting accessories.

#### **Ergonomic hand control**

RiseAtlas is very easy to operate, allowing the caregiver to remain close to the user for an increased experience of safety, security and comfort throughout the entire lifting procedure. All manoeuvring of the lift unit is done via the ergonomic and user-friendly hand control featuring clearly marked and intuitively placed buttons for switching the unit on/off, for lowering/raising the sling bar, for travelling along the rail (for models with transfer motor), and for controlling of turntables on the rail system (for models with switch control).

The On/Off-buttons provide the unique possibility of turning the ceiling lift unit off when not used; a very simple feature which effectively prevents accidental and/or unauthorized activation and use of the lift unit functions.

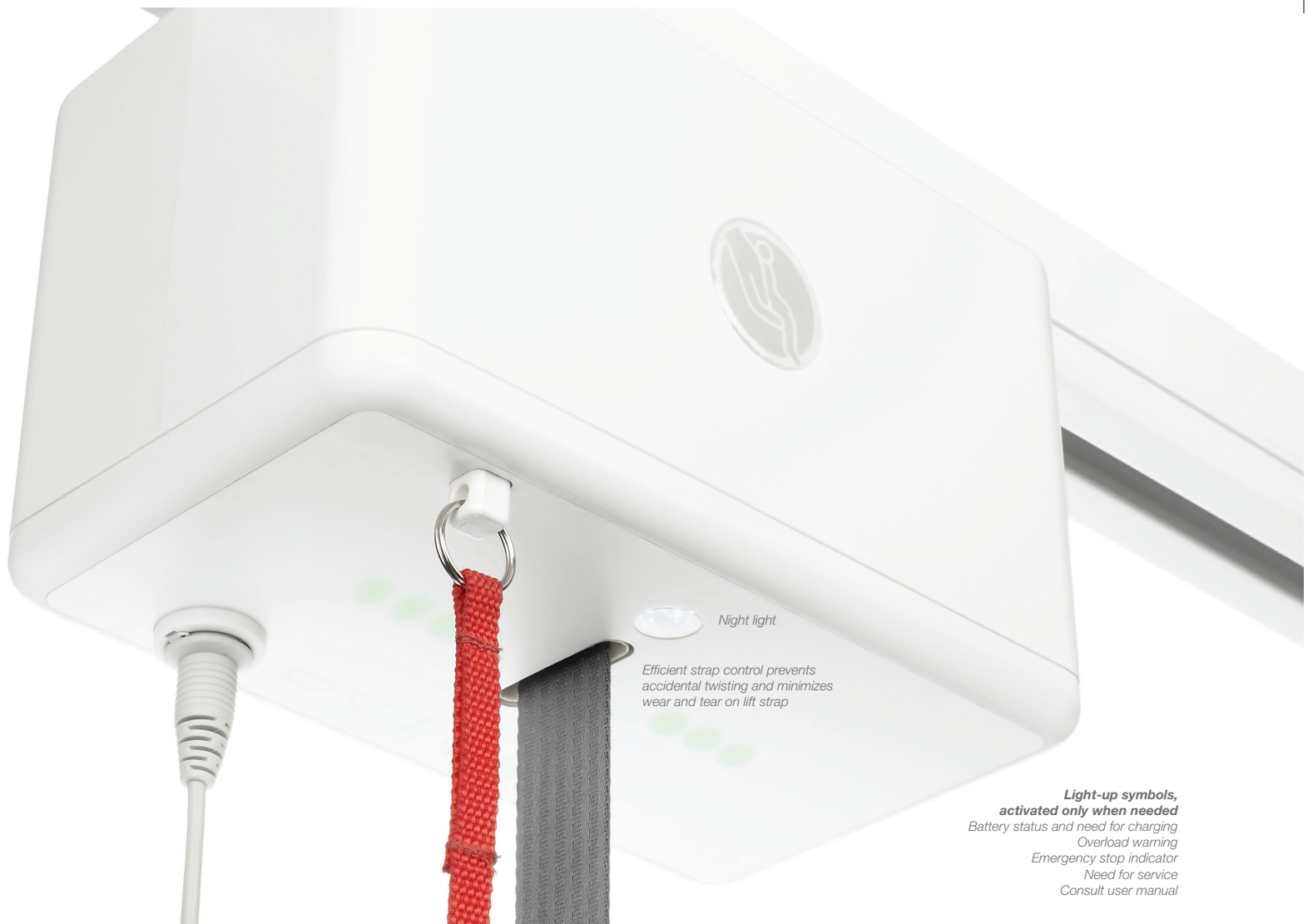
The hand control features a plug that makes it very easy to connect, remove or replace without using tools. Moreover, the safe connection of the plug to the lift unit reduces the risk for shut down due to breaking of the connection.

#### **Ergonomic and user-friendly hand control**

Clearly marked and intuitively placed buttons  
Hook for convenient storage on the sling bar  
On/off, prevents unauthorized use of lift functions  
Easy to connect and remove, no tools needed

RiseAtlas450T, RiseAtlas625T and all versions  
with switch manoeuvring feature hand controls  
with six buttons; on/off, up/down and left/right.





## Reliable and service-friendly

RiseAtlas features a modern and elegant design with clean shapes and smooth surfaces. The design is attractive in a discreet way. It also makes RiseAtlas very easy to keep clean.

### Discreet information panel

RiseAtlas features an informative but discreet panel on the underside of the lift unit. Directional indicators with LED-lamps of different colors and audible signals, providing information on present status, warnings and calls to action, are activated only when needed, allowing the caregiver to focus entirely on the user and the lifting procedure.

The symbols on the panel are lit up to indicate battery status and the need for battery charging as well as warnings due to overload or activation of the emergency stop. The information panel also signals the need for service and, when required, calls on the user to consult the user manual. One indicator is activated only when the lift unit has reached the end of its expected life time and it is time to either perform a complete reconditioning or to replace the lift unit.

### Efficient strap control

RiseAtlas also features an efficient strap control function preventing accidental twisting of the lift strap and ensuring a minimum of wear and tear. This function saves both time and worries. It also provides a longer life time for the lift strap.

### High capacity, long lasting batteries

RiseAtlas is fitted with high capacity, environmentally friendly, built-in NiMH batteries providing many hours of operation and lifting before charging is needed. In order to prolong the battery life and reduce the need for charging even further, but also to ensure that the lift unit is always charged and ready for use, RiseAtlas automatically switches off after four minutes of inactivity.

### Easy to service

RiseAtlas weighs only 7-7.5 kg/15.4-16.3 lbs, depending on version. The low weight is a great advantage both during mounting of the lift unit on the rail system and when dismantling the lift unit for servicing. All models and versions of RiseAtlas are also very service-friendly. In general, service and the most frequent changing of spare parts require very few, if any, tools.

### Diagnostics

A special software, available as an accessory, allows a PC to access further information about the ceiling lift unit, e.g. number of operating hours and lifts performed, number of overloads, statistics on service etc.

# TECHNICAL INFORMATION

Model	RiseAtlas450					RiseAtlas625				
Version	RiseAtlas450M	RiseAtlas450M, with Quick Trolley System	RiseAtlas450M, with switch manoeuvring	RiseAtlas450T	RiseAtlas625M	RiseAtlas625M, with switch manoeuvring	RiseAtlas625T			
Item No.	50100042	50100041	50100046	50100043	50100044	50100047	50100045			
Safe working load:	205 kg/450 lbs	205 kg/450 lbs	205 kg/450 lbs	205 kg/450 lbs	285 kg/625 lbs	285 kg/625 lbs	285 kg/625 lbs			
Material, chassis:	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium			
Material, cover:	Non flammable ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic	Fire resistant ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic			
Measurements, length x width x height:	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"			
Weight:	7 kg / 15.4 lbs	7.2 kg / 15.9 lbs	7 kg / 15.4 lbs	7.5 kg / 16.5 lbs	7 kg / 15.4 lbs	7 kg / 15.4 lbs	7.5 kg / 16.5 lbs			
Transfer in rail:	Manual	Manual	Manual	Transfer motor	Manual	Manual	Transfer motor			
Transfer speed, without load:	n.a.	n.a.	n.a.	14 cm / 5.5" per sec	n.a.	n.a.	14 cm / 5.5" per sec			
Transfer speed, with load:	n.a.	n.a.	n.a.	12 cm / 4.7" per sec	n.a.	n.a.	12 cm / 4.7" per sec			
Hand control:	Electrical, 4 buttons	Electrical, 4 buttons	Electrical, 6 buttons	Electrical, 6 buttons	Electrical, 4 buttons	Electrical, 6 buttons	Electrical, 6 buttons			
Lifting range:	240 cm / 94.5"	240 cm / 94.5"	240 cm / 94.5"	240 cm / 94.5"	240 cm / 94.5"	240 cm / 94.5"	240 cm / 94.5"			
Lifting speed, without load:	5.0 cm / 2" per sec	5.0 cm / 2" per sec	5.0 cm / 2" per sec	5.0 cm / 2" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec			
Lifting speed, with load:	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3 cm / 1.2" per sec	3 cm / 1.2" per sec	3 cm / 1.2" per sec			
Sound level, with load:	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)			
Emergency lowering:	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual			
Emergency stop:	Manual	Manual	Manual	Manual	Manual	Manual	Manual			
Night light:	Standard	Standard	Standard	Standard	Standard	Standard	Standard			
Batteries:	NIMH 24V 3,2 Ah/768Wh	NIMH 24V 3,2 Ah/768Wh	NIMH 24V 3,2 Ah/768Wh	NIMH 24V 3,2 Ah/768Wh	NIMH 24V 3,2 Ah/768Wh	NIMH 24V 3,2 Ah/768Wh	NIMH 24V 3,2 Ah/768Wh			
In-rail charging:	Optional, standard	Optional, standard	Optional, standard	Optional, standard	Optional, standard	Optional, standard	Optional, standard			
End point charging:	Optional, standard	Optional, standard	Optional, standard	Optional, standard	Optional, standard	Optional, standard	Optional, standard			
Protection class, lift unit:	IP33	IP33	IP33	IP33	IP33	IP33	IP33			
Protection class, hand control:	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4			

All models and versions of RiseAtlas comply with the requirements of the directives for medical-technical Class 1 products (MDD 93/42/EEC).

## PRODUCT SPECIFICATION

Item No.	Product
50100042	— RiseAtlas450M
50100041	— RiseAtlas450M, with QuickTrolleySystem
50100046	— RiseAtlas450M, with switch manoeuvring
50100043	— RiseAtlas450T
50100044	— RiseAtlas625M
50100047	— RiseAtlas625M, with switch manoeuvring
50100045	— RiseAtlas625T

All models and versions of RiseAtlas are supplied with hand control and charger.  
Sling bar ordered separately.



## ACCESSORIES

Item No.	Product	Description
70200047	— 9V battery and cable	For emergency lowering
70200048	— Software for diagnostics	USB-stick and cable
70200046	— QuickTrolley	For RiseAtlas450M, 50100042 and 50100041
50400066	— Cover to charger	For RiseAtlas
50400048	— Parking Placard	For convenient storing of sling bars, manuals and lifting slings
70200001	— SlingBar S	35 cm / 13.8"
70200002	— SlingBar M	45 cm / 17.7"
70200003	— SlingBar L	60 cm / 23.6"
70200042	— SlingBarSpreader M	Side bars for SlingBar S/M/L

### Lifting accessories

SystemRoMedic™ offers different kinds of sling bars, side bars, scales and many other clever and functional lifting accessories for safe, comfortable and individually adapted lifts in most transfer situations.

### Rail systems

SystemRoMedic™ offers stationary lift systems both for permanent installation on the ceiling and/or on the walls (MilkyWay) and as portable, freestanding lift stands (Castor and Pollux). Please visit [www.handicare.com](http://www.handicare.com) for more information.



SystemRoMedic™ is a complete solution for easy transfers. The concept encompasses four product areas that meet most needs in different transfer situations.

**Transfer**, between two locations. **Positioning**, within the same location.

**Support**, for mobility. **Lifting**, both manual and mechanical.



RiseAtlas450M and RiseAtlas625M and all versions with QuickTrolleySystem feature hand controls with four buttons; on/off and up/down.

### Lifting slings

SystemRoMedic™ also offers a comprehensive assortment of functional and comfortable, high quality lifting slings designed for safe, comfortable and individually adapted lifts in different lifting situations. The lifting slings are supplied in several materials and in sizes ranging from XXS to XXL. There are also special lifting sling models in XXXL and XXXXL for extremely large and heavy users.

Please visit  
[www.handicare.com](http://www.handicare.com)  
for more information  
and to order your  
copy of the Lifting  
Slings brochure.



Tel: +1 888 625 4343  
Fax: +1 888 691 1091  
[www.handicare.com](http://www.handicare.com)  
[customerservice@romedic.com](mailto:customerservice@romedic.com)